

Research Paper Published:

International Journal:

1. Hadiya, G. D., Damor, C. B. and Machhar, R. G. (2023). Efficacy of different botanicals against blue butterfly, *Lempides boeticus* in pigeonpea. ***Biological Forum – An International Journal***, 15(1): 286-288.
2. Patel, S. D., Hadiya G. D. & Chavadhari, R. L. (2022). Bio-efficacy of fungicides against powdery mildew of clusterbean. ***The Pharma Innovation***, 11(8): 2206-2208.
3. Machhar, R. G., Hajari, R.V., Hadiya, G. D. and Chauhan, R. B. (2021). Effect of foliar application of organic and inorganic nutrient sources on growth, yield attributes, yield and quality of blackgram (*Vigna mungo* (L.) Hepper). ***The Pharma Innovation***, 10(9): 1463-1465.
4. Damor, C. B., Rathod, D. M., Chauhan, C. D. and Hadiya, G. D. (2021). Adoption of Farmers about Pest Management in Maize Crop in Panchmahals District. ***International Journal of Current Microbiology and Applied Sciences***, 32 (1):16-19.
5. Hadiya G. D., Patel, S. D., Damor, C. B., Machhar, R. G. and Chavadhari, R. L. (2020). Impact of sowing period and variety on pod fly, *Melangromyza obtusa* in Pigeonpea. ***Journal of Entomology and Zoology Studies***, 8(3): 753-757.
6. Damor C. B., Rathod D. M., Hadiya G. D. and Machhar R. G. (2020). Knowledge of farmers about pest management in maize crop in Panchmahals district. ***International Journal of Chemical Studies***, 9(12): 2138-2142.
7. Hadiya G. D., Patel, S. D., Chavadhari, R. L., Machhar, R. G. and Damor, C. B. (2020). Impact of sowing period and variety on pod borer, *Helicoverpa armigera* Hubner in pigeonpea. ***International Journal of Current Microbiology and Applied Sciences***, 9(07): 2137-2146.
8. Machhar, R. G., Hajari, R. V., Mahida, A. K., Hadiya, G. D. and Damor, C. B. (2020). Impact of herbicides on yield attributes and yields of blackgram (*Vigna mungo* L.) and their residual effects on succeeding crops. ***International Journal of Current Microbiology and Applied Sciences***, 9(6): 3380-3386.
9. Machhar, R. G., Hajari, R. V., Mahida, A. K., Hadiya, G. D. and Adsul, H. R. (2020). Pre and post emergence herbicides for weed control in blackgram (*Vigna mungo* L.). ***International Journal of Chemical Studies***, 8(3):1535-1538.
10. Machhar, R. G., Patel, R. A., Hadiya, G. D. and Chauhan R. B. (2020). Effect of krishisol on growth, yield and quality of chickpea (*Cicer arietinum* L.). ***International Journal of Chemical Studies***, 8(3): 2290-2292.
11. Hajari, R. V., Machhar, R. G., Damor, C. B., Hadiya, G. D. and Mahida, A. K. (2019). Effect of sowing time and spacing on growth and yield of chickpea for green pod. ***Journal of Agrisearch***, 6(1):11-15.

12. Patel, K.V., Parmar, D. J., Adsul, H. R., Machhar, R. G. and Patel, H. P. (2019). Cluster analysis in cluster bean [*Cyamopsis tetragonoloba* (L.) Taub.]. **Green Farming**, 10(02):187-190.
13. Hajari, R. V., Machhar, R. G. and Mahida, A. K. (2019). Development of efficient weed management practices for drilled paddy production under middle Gujarat condition. **Journal of Agrisearch**, 6(2):68-72.
14. Ghoghari, P. D., Chavadhari, R. L., Patil, V. A. and Kavadi, N. K. (2019). Bio-efficacy of insecticides against rice stem borer, *Scirpophaga* Spp. **International Journal of Entomology Research**, 4(4):59-65.
15. Hadiya, G. D. and Kalariya, G. B. (2018). Abundance of chilli mite, *Polyphagotarsonemus latus* (Banks) in relation to climatic condition of South Gujarat. **Annals of Plant Protection Sciences**, 26(2): 390-91.
16. Patel, K. V., Parmar, D. J., Machhar, R. G., Chavadhari, R. L. and Patel, H. P. (2018). Assessment of genetic variability and character association in clusterbean [*Cyamopsis tetragonoloba* (L.) Taub.]. **International Journal of Agriculture Sciences**, 10(19): 7301-7304.
17. Kacha, H. L., Patel, S. K., Patel, U. M., Makwana, N. D., Machhar, R. G., Bhabhor, G. K., Radha Rani, R. and Bhalani, R. B. (2018). Evaluation of sowing time and varieties of green yield for chickpea in middle Gujarat Agro-climatic condition. **International Journal of Agriculture Sciences**, 51(8): 86-90.
18. Patel, S. D., Chavadhari, R. L., and Machhar, R. G. (2016). Bio-efficacy of thiamethoxam 12.6% + lambda cyhalothrin 9.5% 247 ZC against maize stem borer, *Chilo partellus* (Swinhoe). **Advances in Life Sciences**, 5 (21): 10068-10073.
19. Patel, S. D. and Chavadhari, R. L. (2016). Impact of thiamethoxam 12.6% + lambda cyhalothrin 9.5% ZC on population of Lady bird beetles in maize crop ecosystem. **Advances in Life Sciences**, 5 (1): 153-158.
20. Patel, S. D. and Chavadhari, R. L. (2016). Bio-efficacy study of different insecticides against *Helicoverpa armiger* (Hub.) infesting chickpea. **Advances in Life Sciences**, 5 (1): 126-132.
21. Hajari, R. V., Machhar, R. G. and Patel, S. D. (2016). Response of drilled paddy to graded levels of nitrogen and phosphorus. **Advances in Life Sciences**, 5 (21): 9753-9756.
22. Machhar, R. G., Sadhu, A. C., Patel, S. K., Kacha, H. L., and Motaka, G. N. (2016). Effect of organic manures, fertilizers and bio-fertilizers on growth and yield of soybean. **International Journal of Agriculture Sciences**, 51(8): 2273-2277.
23. Patel, S. D. and Borad, P. K. (2016). Effect of Silicon application on leaf folder in rice. **Advances in Life Sciences**, 5 (1): 6874-6876.
24. Machhar, R. G., Sadhu, A. C., Patel, S. K. and Patel, V. J. (2015). Residual effect of organic manures, bio-fertilizers and fertilizers on soybean-wheat sequence under middle Gujarat. **Green Farming**, 6 (5): 1042-1045.

25. Machhar, R. G., Patel, S. K., Kacha, H. L., Patel, U. M. Patel, G. D., and Radha Rani, R. (2015). Technological gaps in adoption of improved soybean production technology by soybean growers in Dahod district, Gujarat. *American Journal of Agriculture and Forestry*, 3(6): 276-279.
26. Hajari, R. V., Patel, S. D., Sonani, V. V., Mahida, A. K. and Chavadhari, R. L. (2015). Varietal response of pigeonpea to organic manures under rainfed condition. *Bioinfolet*, 12(4 B): 927-930.

National Journal:

1. Rathod, D. M, Damor, C. B and Patel, K. H. (2021). Effect of frontline demonstrations on knowledge and adoption level of maize farmers. *Gujarat Journal of Extension Education*, 32 (2):17-23.
2. Damor, C. B., Rathod, D. M. and Chauhan, C. D. (2021). Knowledge and adoption of recommended scientific practices of castor growers about castor cultivation. *Gujarat Journal of Extension Education*, 32 (1):16-19.
3. Rathod D. M., Damor C. B and Patel K. H. (2020) Knowledge of trained maize farmers about recommended maize production technology. *Gujarat Journal of Extension Education*, 31(2): 42-44.